Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. UTILITY TI-37239

PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor Anand Hariraj UDUPA J.S.

(Only for new nonprovisional applications under 37 CFR 1.53 (b))		The Scribe Seart Toylding		T Timaneco					
		Express Ma	ail Label No.	EL54774	- 4 5				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231						
X (Submit an original Applicant claim See 37 CFR Specification (preferred arrange) X (Submit an original Applicant claim See 37 CFR Sectification (preferred arrange)	tal Form (e.g., PTO/SB/1 I and a duplicate for fee processing ms small entity status. I.27. [Total Pages ment set forth below) escriptive title of the Invent) 27]	a.	Computer P 3. Nucleotide an (if applicable,	rogram (And d/or Amino A all necessai er Readable	Acid Sequence Submission ry) Form (CRF)			
- Sta - Re - OI - Ba - Bri	oss Reference to Related A stement Regarding Fed spi ference to sequence listing a computer program listin ckground of the Invention ef Summary of the Inventic	onsored R & D g, a table, ig appendix		i	CD-ROM or	CD-R (2 copies); or identity of above copies			
- De - Cla	n of the drawings (if filed) tailed Description im(s) stract of the disclosure		9 10	1	apers (cover	sheet & document(s)) Power of Attorney			
4. 13 Drawing(s)(35 5. Oath or Declaration	U.S.C.113) [Total Sheets	10]	11	Information Dis	sclosure S)/PTO-1449	ent (if applicable) Copies of IDS Citations	5		
b. Copy from	ecuted (original or copy) a prior application (37 CF ation/divisional with Box 18 co ETION OF INVENTOR(S) ed statement attached deleting	mpleted))	13. 14. <u>X</u>	Return Receip (Should be see Certified Copy (if foreign prior	t Postcard (Necifically item of Priority Do	nized) ocument(s)			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			16.	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent					
6. Application Data Sheet. See 37 CFR 1.76			17	Others					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS									
X Customer Number or Bar Code Label			o. or Attach bar cod	or Attach bar code label here) or Correspondence address below					
Name	Mr. Daniel Swayze, Te	xas Instrument	s Incorporated	1					
Address									
City		State			Zip Code				
Country		Telephone ((972)-917-5653	3	Fax	(972) 917-4418			
Name (Print/Type)	W. Daniel Swayze, Jf.			Registra	ation No.	34,478			
Signature	1 W8 X			11-	28ate	November 26, 2003			

PTO/SB/17 (01-03)
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	Complete if Known				
FEE TRANSMITTAL	Application Number	TBD			
for EV 2002	Filing Date	11/26/2003			
for FY 2003	First Named Inventor	Anand Hariraj UDUPA			
Effective 01/01/2003. Patent fees are subject to annual revision.	Examiner Name	TBD			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	TBD			
TOTAL AMOUNT OF PAYMENT (\$) 770.00	Attorney Docket No.	TI-37239			

TOTAL AMOUNT OF PATIMENT (\$) 170.00		Attorne	-			
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)	
Check Credit Money Order Other None	Large	DDITIO Entity	Small	Entity		
X Deposit Account	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
X	1051	130	2051	65	Surcharge - late fling fee or oath	
Deposit Account					Surcharge - late provisional filing fee or cover	1 1
Number 20-0668	1052	50	2052	25	sheet	<u> </u>
Deposit						
Account Name Texas Instruments Incorporated	1053	130	1053	130	Non-English specification	
The Commissioner is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below X Credit any overpayments	1804	920°	1804	920°	Requesting publication of SIR prior to Examiner action	
X Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month]
to the above-identified deposit account.	1252	410	2252	205	Extension for reply within second month	
FEE CALCULATION	1253	930	2253	465	Extension for reply within third month	
1. BASIC FILING FEE	1254	1,450	2254	725	Extension for reply within fourth month	
Large Entity Small Entity	1255	1,970	2255	985	Extension for reply within fifth month	
Fee Fee Fee Fee <u>Fee Description</u> Fee Paid Code (\$)	1401	320	2401	160	Notice of Appeal	
1001 770 2001 385 Utility filing fee \$770	1402	320	2402	160	Filing a brief in support of an appeal	
1002 330 2002 165 Design filing fee	1403	280	2403	140	Request for oral hearing	
1003 520 2003 260 Plant filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1004 750 2004 375 Reissue filing fee	1452	110	2452	55	Petition to revive - unavoidable	
1005 160 2005 80 Provisional filing fee	1453	1,300	2453	650	Petition to revive - unintentional	
SUBTOTAL (1) (\$) 770	1501	1,300	2501	650	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	470	2502	235	Design issue fee	
Fee from Extra Claims below Fee Paid	1503	630	2503	315	Plant issue fee	
Total Claims 18 -20**= - X 18 = -	1460	130	1460	130	Petitions to the Commissioner	
Independent						
Claims 2 -3**= - X 86 = -	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent =	1806	180	1806	180	Submission of Information Disclosure Stmt	<u> </u>
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	1809	750	2809	375	Filing a submission after final rejection (37 CFR · 1.129(a))	
1202 18 2202 9 Claims in excess of 20	4,,,,	750	0040	275		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
**Reissue independent claims		750	2801	375	Request for Continued Examination (RCE)	
1204 84 2204 42 over original patent ** Reissue claims in excess of 20	1801	130	2001	3/3	Request for expedited examination	
1205 18 2205 9 and over original patent	1802	900	1802	900	of a design application	
SUBTOTAL (2) (\$) -	Other	fee (spec	ify)			
**or number previously paid, if greater, For Reissues, see above	*Redu	ced by Ba	sic Filing	Fee Pa	id SUBTOTAL(3)	(\$) -

SUBMITTED BY					Complete (if applicable)		
Name (Print/Type)	W. Daniel Swayge, Jr.	Registration No. (Attorney/Agent)	34,478	Telephone	(972)-917 <u>-5633</u>		
Signature	WAX		11-26-	Date 2	November 26, 2003		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.